Equivalent Replacement Calculation (inches):

Please see attached Species Classification List for use in determining Classification of species.

Formula: species classification rating percentage x trunk diameter (dbh inches) x condition percentage

> Class A species = 100%
> Class B species = 80%
> Class C species = 60%
> Class D species = 40%
> Class E species = 20%
> Class F species (exotic invasive)=0%

A separate application for tree removal is required.

Example: 12" Jacaranda Tree with 56% condition rating. .80 x 12 x .56 = 6" caliper replacement required

Equivalent Value Calculation (dollars):

✓Dollar replacement is an option once the site meets minimum landscape requirements.

Please see attached calibration worksheet in determining the cross-sectional diameter of the tree (in^2)

Formula: cross-sectional diameter of the tree (in^2) x Species Classification dollar value

> Class A value = $25
> Class B value = $20
> Class C value = $15
> Class D value = $10
> ClassE value = $5
> ClassF value (invasive)= $0.

A separate application for tree removal is required.

Example: 6" Sea Grape with 42% condition rating

Sea Grape is a Class B tree, condition rating isn't used in this calculation. So: 6 x $\pi\, r^2$ = 28.27in^2 And Class B value is $20. So 28.27 x 20 = $565.40 to be deposited into Tree Canopy Trust Fund.

Tree Relocation:

Tree relocation will, most times, require a surety bond to guarantee survival. This will require an ISA Arborist report and equivalent replacement calculations.

A separate application for tree relocation is required.

Palm Calculations (ct or dollars):

CT Formula: Equivalent replacements for palms are considered 1:1 with 8' ct replacement, with the exception of Royal spp. and Phoenix spp. (not roebellini).

Example: Alexander Palm with 15' ct = 1 palm, any species, with minimum 8' ct required replacement.

Dollar Formula for Royal Palm spp. and Phoenix Palm spp: clear trunk x $30.00.

A separate application for palm removal is required.

Example: Royal Palm with 18' ct. 18 x $30 = $540 into Tree Canopy Trust Fund.

Specimen Tree Removal Calculation (dollars):

Specimen trees are trees 18" diameter and greater *and* 70% condition or greater.

Tree removal of a specimen tree requires a separate application for tree removal, an ISA Arborist report and a separate payment into the Tree Canopy Trust Fund.

There are no other options for tree replacement with specimen tree removal.

The Tree Canopy Trust Fund payment is collected in person by landscape staff. Payment is by check only made out to City of Fort Lauderdale Tree Fund.

Please see attached calibration worksheet in determining the cross-sectional diameter of the tree (in^2)

Formula: cross-sectional diameter of the tree (in^2) x Species Classification dollar value:

> Class A value = $25
> Class B value = $20
> Class C value = $15
> Class D value = $10
> Class E value = $5
> Class F value (invasive) = $0.

A separate application for specimen tree removal is required.

Example: 26" Black Olive with 82% condition rating. Black Olive is a Class C tree, condition rating isn't used in this calculation. So: 26 x $\pi\, r^2$ = 530.93in^2 And Class C value is $15. So 530.93 x 15 = $7,963.95 to be deposited into Tree Canopy Trust Fund.